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image stored in said memory unit, during a cessation of the image pickup operation by the image pickup apparatus.--

REMARKS

This application has been reviewed in light of the Office Action dated November 30, 2001. Claims 27, 29, 33-35 and 37-43 are pending in this application. Claims 42 and 43 have been added to provide Applicant with a more complete scope of protection. Claims 27 and 37 have been amended to define still more clearly what Applicant regards as his invention, in terms that distinguish over the art of record. Claims 27 and 37 are the only independent claims. Favorable reconsideration is requested.

In the Office Action, Claims 27, 29, 33-35 and 37-41 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent 5,675,358 (Bullock et al.).

Independent Claim 27 is directed to an image processing system that comprises an image pickup apparatus, including an image pickup unit, and an information processing apparatus. The information processing apparatus includes an operating unit adapted to enter information, a processor to process information so entered, and a display unit adapted to perform a display corresponding to data processed by the processor. The information processing apparatus also has a memory unit adapted to store images picked up by the image pickup unit, and an interface adapted to detachably connect the image pickup apparatus. According to claim 27, the information processing apparatus further includes a detecting unit adapted to detect that the image pickup apparatus is connected, and a controller adapted to enable the display unit to display sequential images sent from the

image pickup apparatus, if connected, and to display an image stored in the memory unit if not connected.

One important feature of the system recited in Claim 27, is that the information processing apparatus, which may be included in an image processing system, is arranged to be detachably connected to an image pickup apparatus, and effects control so as to enable a display unit to display sequential images sent from the image pickup apparatus, in a case that it is detected that the image pickup apparatus is connected, while having the display unit display an image which was picked up by the image pickup apparatus and stored in a memory unit of the information processing apparatus, in a case that it is detected that the image pickup apparatus is not connected. This feature of Claim 27 is not believed to be taught or suggested by anything in *Bullock*. Thus, while the pickup is connected, the image being picked up is sequentially displayed, while when non-connection of the pickup is detected, the display unit instead displays a stored image that was previously picked up by the pickup unit.

Bullock, as has been discussed previously, relates to a computer control and user interface of an instant digital image capture device. The *Bullock* apparatus is for controlling and displaying image information now seen by the image capture device together with images which have been captured and stored upon actuation of the device. A viewfinder window is located in a capture device window, which also includes a variety of push buttons, some of which control the image capture device, while others control the way in which the captured images are displayed on the computer screen. In response to a user command to capture an image, the image is displayed adjacent to the image capture

window. As the user continues to capture images, frames are displayed as long as the computer has adequate temporary storage. The user interface also allows the user to stack a set of images into a single object in the workspace. Images may be manipulated within the stack, discarded, or modified or changed between stacks of image objects.

In the Office Action, the Examiner refers to column 4, line 64 to column 5, line 7 of *Bullock* as showing something corresponding to the controller recited in Applicant's claims. The portion cited by the Examiner states that a viewfinder window (170), capture device window (175) and other objects may be displayed together in a workspace. However, Applicant submits that nothing in *Bullock* would teach that such other object should or could be an image which was picked up by an image pickup apparatus and then stored in a memory, as recited in Claim 27, nor that control is effected such that such an image is displayed when it is detected that the image pickup apparatus is not connected to the information processing apparatus, as also is recited in Claim 27.

For the foregoing reasons, Applicant submits that Claim 27 is clearly allowable over *Bullock*.

Independent Claim 37 is directed to an information processing apparatus that comprises an operating unit adapted to enter information, and a processor adapted to process information so entered. The apparatus also has a display unit to produce a display corresponding to data processed by the processor. Also provided are an interface adapted to connect a detachable image pickup apparatus, the image pickup apparatus being detachable from said interface, a memory unit to store images which have been picked up by the image pickup apparatus, and a detecting unit adapted to detect that the image pickup

apparatus is connected. The apparatus also has a controller to enable the display unit to display sequential images sent from the image pickup apparatus, in a case where the detecting unit detects that the image pickup apparatus is connected, and to enable the display unit to display an image stored in the memory unit, in a case where the detecting unit detects that the image pickup apparatus is not connected.

Claim 37 is believed to be allowable over *Bullock* for the same reasons as is Claim 27.

A review of the other art of record has failed to reveal anything that, in Applicant's opinion, would remedy the deficiencies of the art discussed above, as applied against the independent claims herein. Therefore, those claims are respectfully submitted to be patentable over the art of record.

The other claims in this application depend from one or the other of the independent claims discussed above, and, therefore, are submitted to be patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, individual consideration or reconsideration, as the case may be, of the patentability of each claim on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Applicant's undersigned attorney may be reached in our New York Office
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Respectfully submitted,



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MARKED UP VERSION TO SHOW CHANGES MADE TO CLAIMS

27. (Amended) An image processing system, comprising:

- a) an image pickup apparatus including an image pickup unit adapted to pickup an image; and
- b) an information processing apparatus including:
an operating unit adapted to enter information;
a processor adapted to process information entered at said operation unit;
a display unit adapted to perform a display corresponding to data processed by said processor;
a memory unit adapted to store [image information] images which were picked up by said image pickup unit; and
an interface [for connecting an external] adapted to detachably connect said image pickup apparatus [; and],
- [b) an image pickup apparatus detachable from said interface, including:
an image pickup unit adapted to pickup an object image]
wherein said information processing apparatus further includes:
a detecting unit adapted to detect that said image pickup apparatus is connected; and
a controller adapted to [control] enable said display unit to display [information] sequential images sent from said image pickup apparatus in a case that said

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detecting unit detects that said image pickup apparatus is connected, and to [control] enable said display unit to display [information] an image stored in said memory unit in a case that said detecting unit detects that said image pickup apparatus is not connected.

37. (Amended) An information processing apparatus, comprising:

- an operating unit adapted to enter information;
- a processor adapted to process information entered at said operating unit;
- a display unit adapted to performing a display corresponding to data processed by said processor;
- [a memory unit adapted to store image information;]
- an interface [for connecting] adapted to connect an image pickup apparatus, [said] the image pickup apparatus being detachable from said interface;
- a memory unit adapted to store images which have been picked up by said image pickup apparatus;
- a detecting unit adapted to detect that [said] the image pickup apparatus is connected; and
- a controller adapted to [control] enable said display[ing] unit to display [information] sequential images sent from [said] the image pickup apparatus in a case that said detecting unit detects that [said] the image pickup apparatus is connected, and to [control] enable said display unit to display [information] an image stored in said memory

unit in a case that said detecting unit detects that [said] the image pickup apparatus is not connected.

42. (New) An image processing system according to claim 27, wherein said controller controls said display unit so as to display the image picked up by said image pickup apparatus, during an image pickup operation by said image pickup apparatus and display the image stored in said memory unit, during a cessation of the image pickup operation of said image pickup apparatus.

43. (New) An apparatus according to claim 37, wherein said controller control said display unit so as to display an image picked up by the image pickup apparatus, during an image pickup operation by the image pickup apparatus and display the image stored in said memory unit, during a cessation of the image pickup operation by the image pickup apparatus.